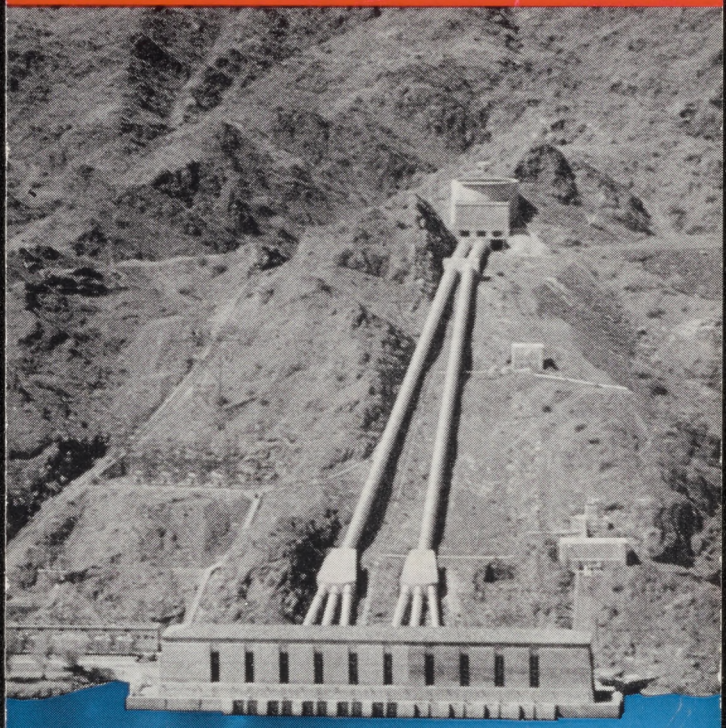
METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA



Water from the Colorado River

CITIES AND AREAS
WITHIN THE
METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

ANAHEIM
BEVERLY HILLS
BURBANK
COMPTON
FULLERTON
GLENDALE
LONG BEACH
LOS ANGELES
PASADENA
SAN MARINO
SANTA ANA
SANTA MONICA
TORRANCE

CENTRAL BASIN MUNICIPAL WATER DISTRICT

CHINO BASIN MUNICIPAL WATER DISTRICT

COASTAL MUNICIPAL WATER DISTRICT

EASTERN MUNICIPAL WATER DISTRICT

FOOTHILL MUNICIPAL WATER DISTRICT

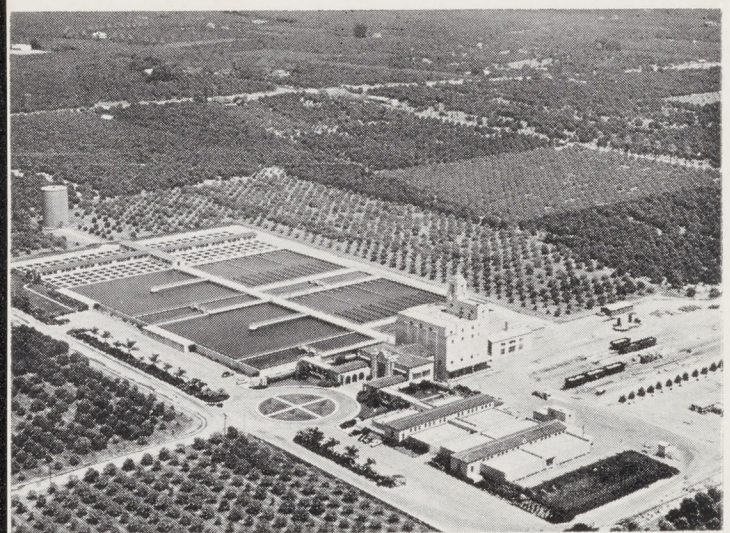
ORANGE COUNTY MUNICIPAL WATER DISTRICT

POMONA VALLEY MUNICIPAL WATER DISTRICT

SAN DIEGO COUNTY WATER AUTHORITY

WEST BASIN MUNICIPAL WATER DISTRICT

WESTERN MUNICIPAL WATER DISTRICT
OF RIVERSIDE COUNTY

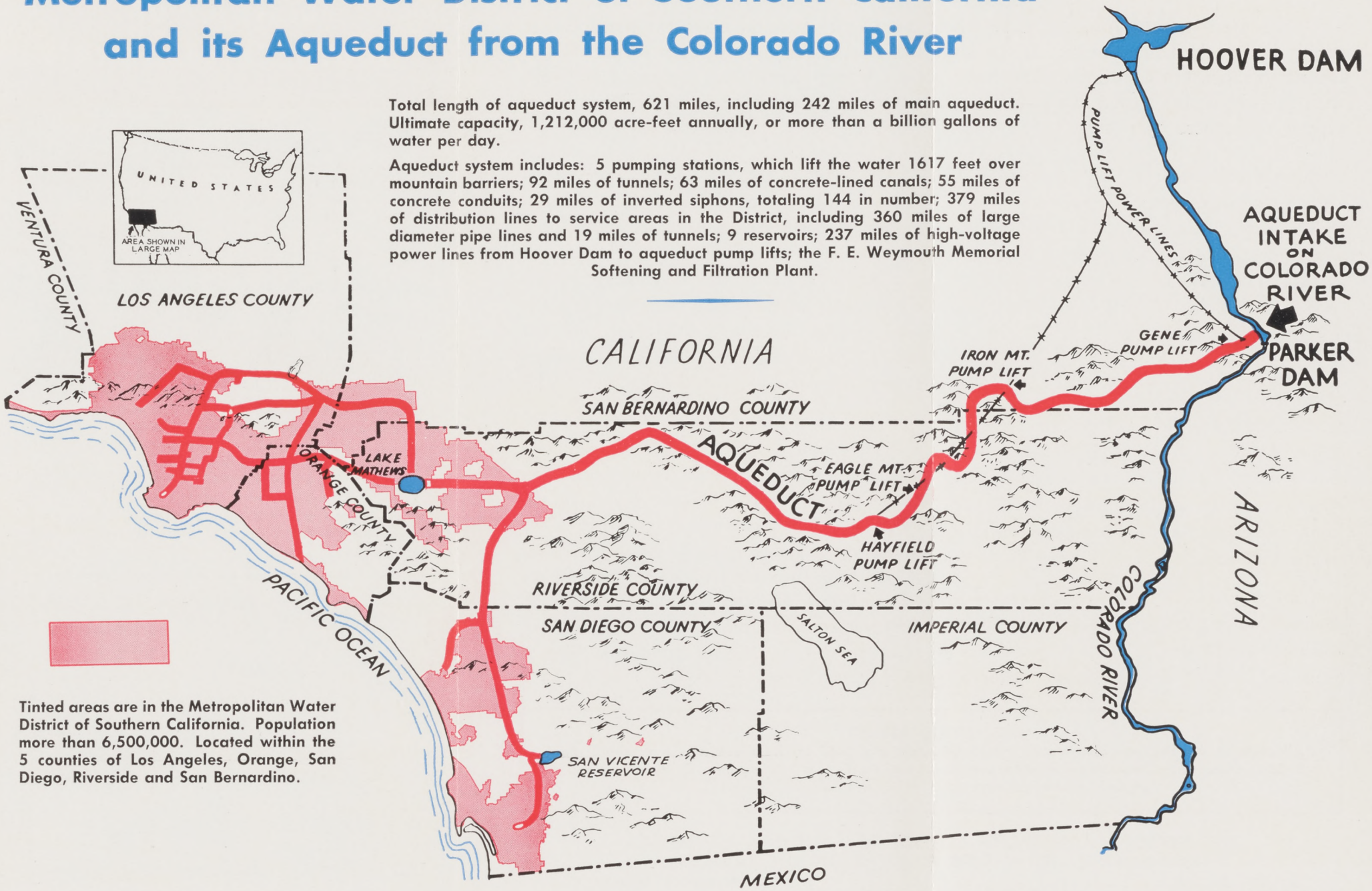


Administration and head house section of the F. E. Weymouth Softening and Filtration Plant, where Colorado River water is softened and filtered for domestic and industrial uses.

Metropolitan Water District of Southern California and its Aqueduct from the Colorado River

Total length of aqueduct system, 621 miles, including 242 miles of main aqueduct. Ultimate capacity, 1,212,000 acre-feet annually, or more than a billion gallons of water per day.

Aqueduct system includes: 5 pumping stations, which lift the water 1617 feet over mountain barriers; 92 miles of tunnels; 63 miles of concrete-lined canals; 55 miles of concrete conduits; 29 miles of inverted siphons, totaling 144 in number; 379 miles of distribution lines to service areas in the District, including 360 miles of large diameter pipe lines and 19 miles of tunnels; 9 reservoirs; 237 miles of high-voltage power lines from Hoover Dam to aqueduct pump lifts; the F. E. Weymouth Memorial Softening and Filtration Plant.



Tinted areas are in the Metropolitan Water District of Southern California. Population more than 6,500,000. Located within the 5 counties of Los Angeles, Orange, San Diego, Riverside and San Bernardino.

METROPOLITAN AQUEDUCT

The Metropolitan Aqueduct from the Colorado River is the largest domestic water supply line in the United States. It was built and is operated by the Metropolitan Water District of Southern California. The Metropolitan Water District was organized in 1928, with 11 cities voting to join in a program to bring an urgently needed Colorado River water supply to Southern California.

More than 6,500,000 people live within the District boundaries and are eligible to be served with Colorado River water. The District has an area of more than 3018 square miles; its territory extends into the five counties of Los Angeles, Orange, Riverside, San Bernardino and San Diego.

The mighty task of building the aqueduct was launched in December, 1932, and work was completed in its initial development nine years later, in 1941. Its initial cost was about $200,000,000. *It now represents a capital investment of more than $300,000,000.* From its Intake pumping plant on the Colorado River, two miles upstream from Parker Dam, water is carried across the entire state of California.

To keep pace with the rapidly growing water requirements of Southern California, the Metropolitan Water District, in 1952, set under way a major $200,000,000 aqueduct expansion program.

On June 5, 1956, the voters of the District, by a ratio of 11 to 1, authorized its Board of Directors to issue short-term notes to be repaid from annexation fees coming to the District. There are now $165,000,000 of such outstanding annexation fees that will be coming to the District in the next 30 years. Issuance of short-term notes will make it possible to greatly accelerate the aqueduct expansion program.

Funds derived from these short-term notes are to be used to help finance a construction program that will bring the Colorado River Aqueduct to its full planned delivery capacity. It includes the installation of six additional pumps in each of the five pumping plants, to bring the total number of pumps in each plant to nine; enlarging the capacity of Lake Mathews; construction of 22 miles of siphon sections on the main aqueduct; and construction of many miles of distribution lines to serve District areas.

NO FEDERAL SUBSIDY

All costs of the Metropolitan Water District aqueduct are paid for by those who live within the District. There is no Federal government subsidy of any kind. This is a Southern California project, owned, controlled and paid for by the people it serves.

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA
HEADQUARTERS: 306 W. THIRD STREET, LOS ANGELES, CALIFORNIA

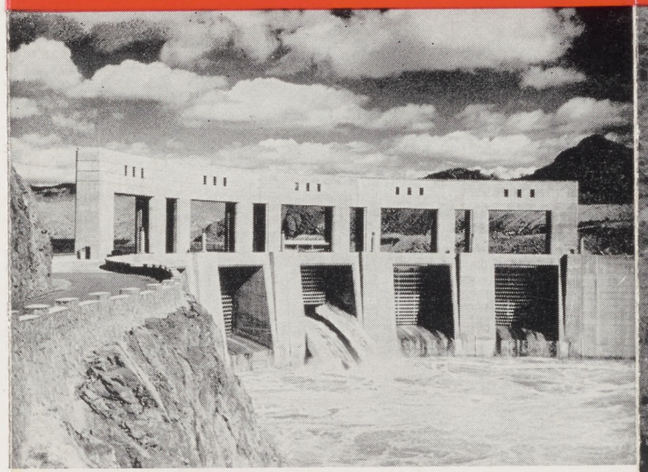
JOSEPH JENSEN
Chairman, Board of Directors

ROBERT B. DIEMER
General Manager and Chief Engineer

SEPTEMBER, 1957

WHT.BR.0125

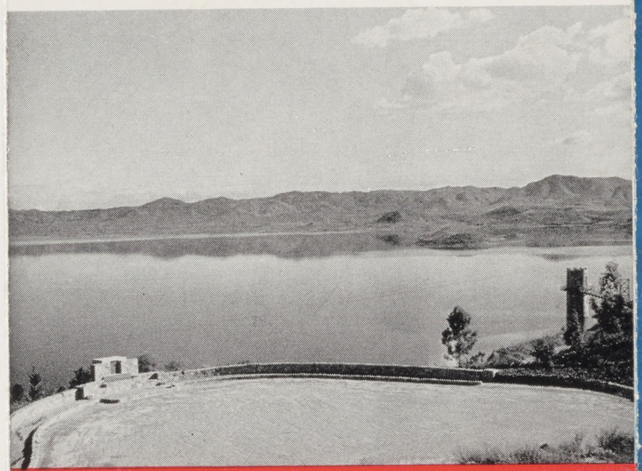
METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA



(Above) PARKER DAM, on the Colorado River, stores and regulates the water supply for the 621-mile-long Metropolitan Aqueduct.

(Cover) WHITSETT INTAKE PUMPING PLANT, near Parker Dam, where Colorado River water starts its long journey to 81 cities.

(Below) LAKE MATHEWS, terminal storage reservoir for the main aqueduct. Lake's present storage capacity is 107,000 acre feet.



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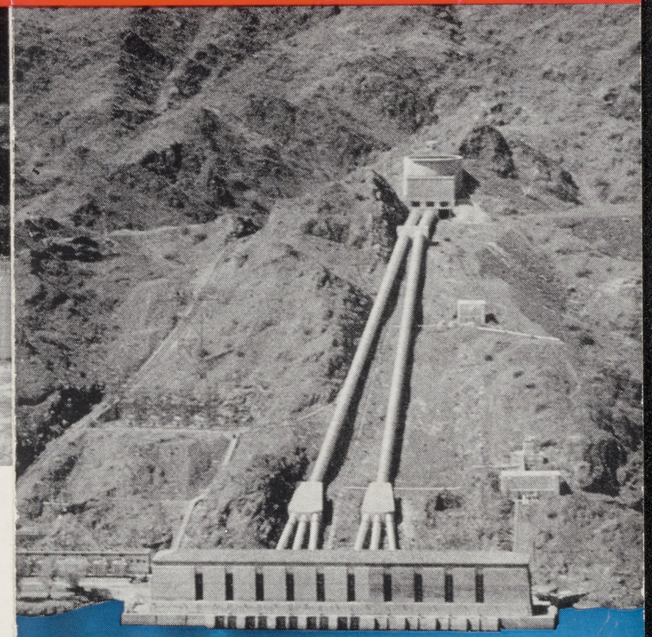

Water from the Colorado River